



UTAH DEPARTMENT OF
HEALTH

Utah Digital Health Service Commission Meeting

1/10/2019

MISSION & VISION



The Utah Department of Health's mission is to protect the public's health through preventing avoidable illness, injury, disability, and premature death; assuring access to affordable, quality health care; and promoting healthy lifestyles.

Our vision is for Utah to be a place where *all* people can enjoy the best health possible, where *all* can live and thrive in healthy and safe communities.



STRATEGIC PRIORITIES



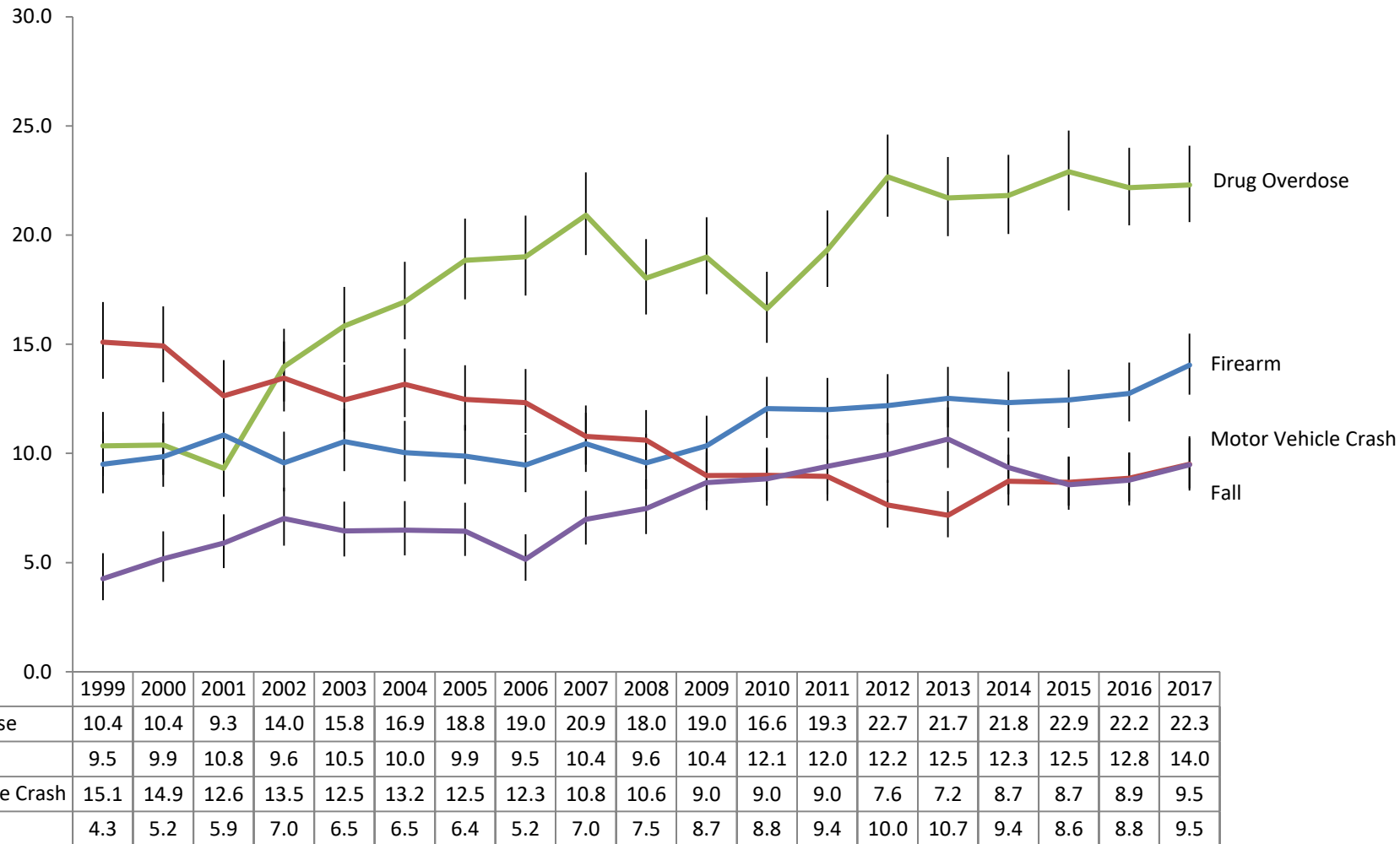
Healthiest People – The people of Utah will be among the healthiest in the country.

Optimize Medicaid – Utah Medicaid will be a respected innovator in employing health care delivery and payment reforms that improve the health of Medicaid members and keep expenditure growth at a sustainable level.

A Great Organization – The UDOH will be recognized as a leader in government and public health for its excellent performance. The organization will continue to grow its ability to attract, retain, and value the best professionals and public servants.

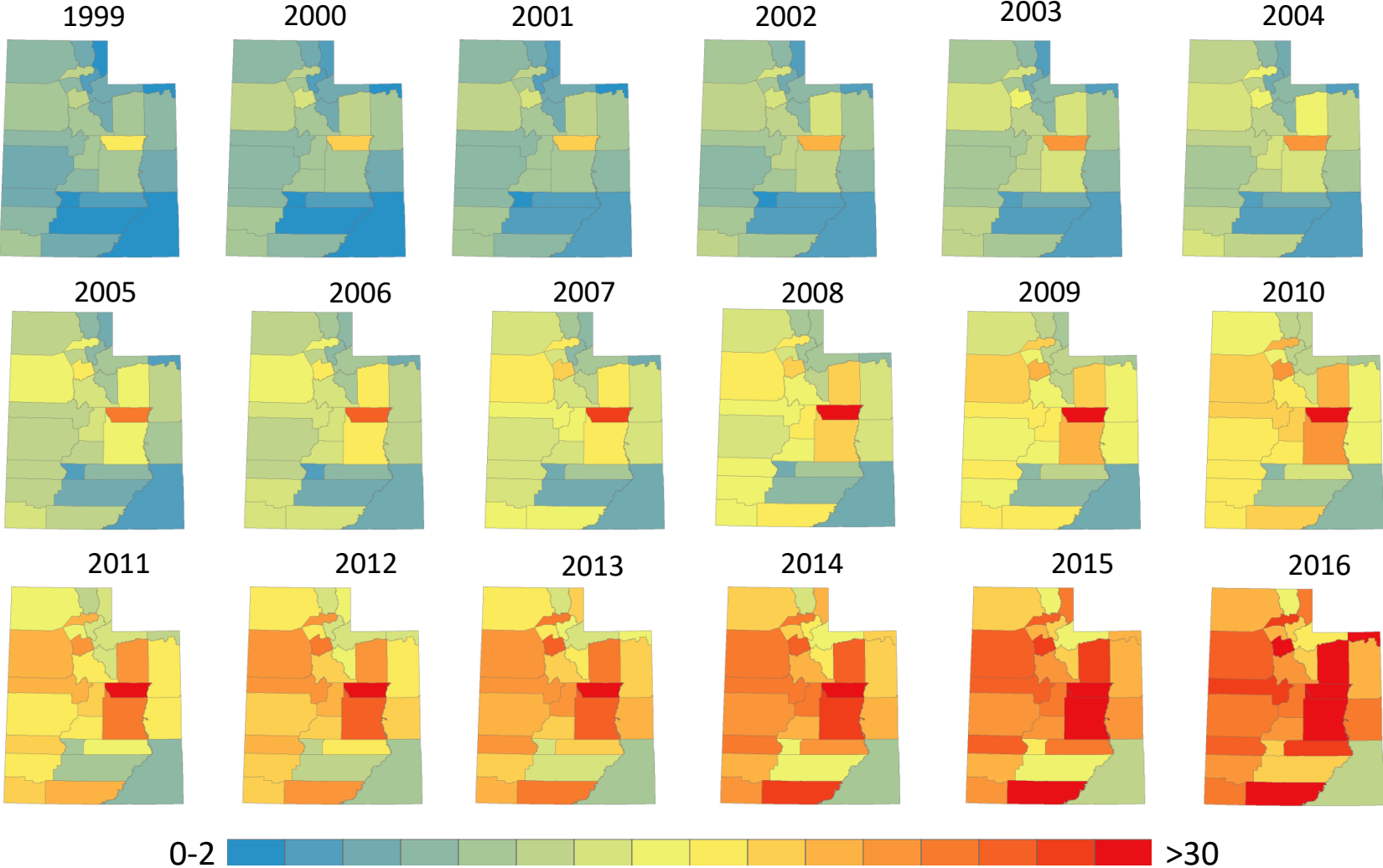


Age-adjusted Rate of Deaths per 100,000 Population by Injury Type, Utah 1999-2016



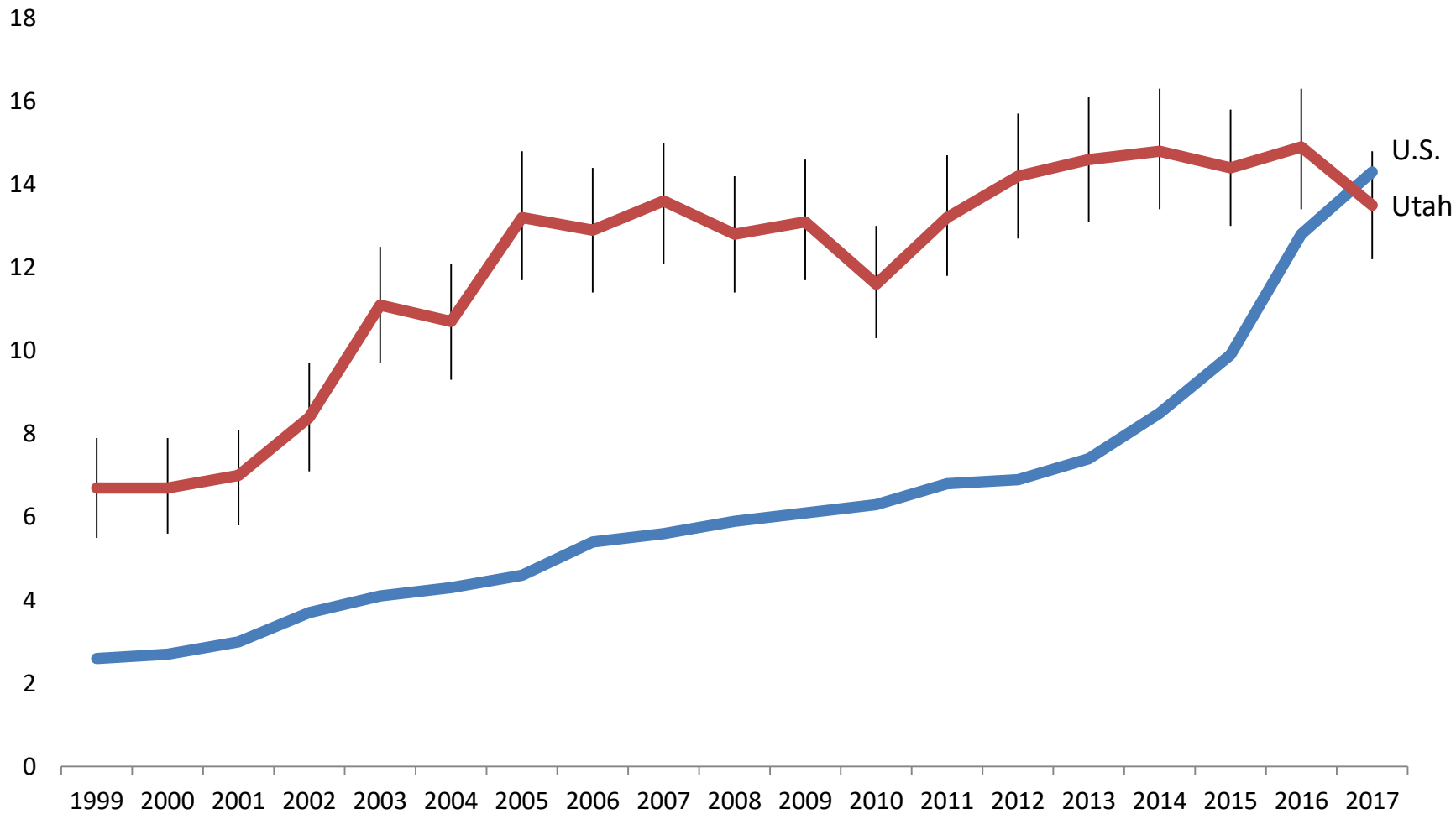
Source: Utah Death Certificate Database, Office of Vital Records and Statistics, Utah Department of Health. National Center for Health Statistics.

Rate of Drug Overdose Deaths per 100,000 Population, Utah 1999-2016



Source:
CDC WISQARS

Rate of Unintentional and Undetermined Opioid Deaths per 100,000 Population, Utah and U.S., 1999-2017 (age-adjusted)



Source:
CDC
WONDER

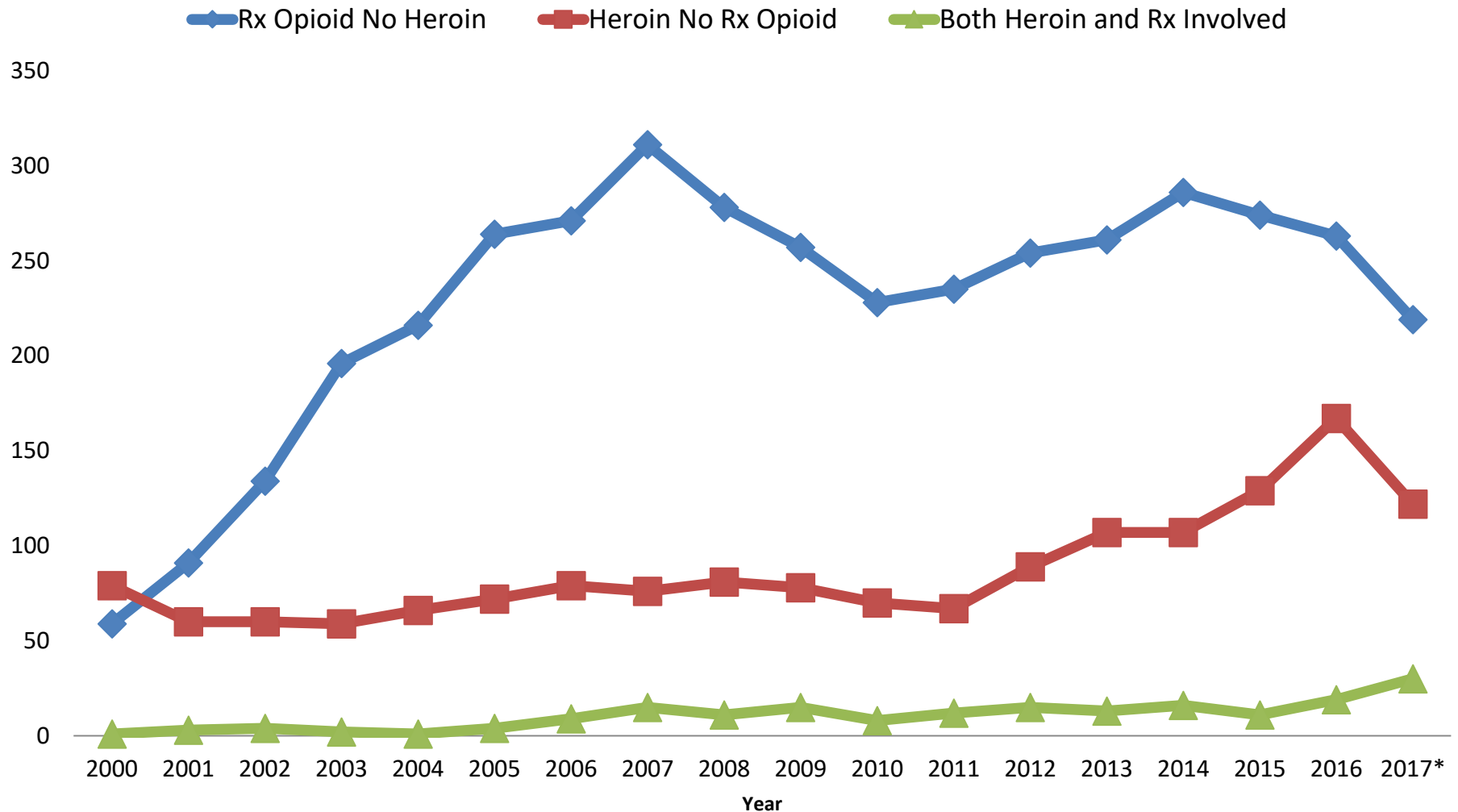


Number of Opioid Deaths by Age Group and Rate of Opioid Deaths Ages 18+ per 100,000 Population, Utah 1999-2018

Year	Ages 18-24	Ages 25-34	Ages 35-44	Ages 45-54	Ages 55+	Total Ages 18+	Overall Opioid Rate Ages 18+	95% CI
2000	15	41	55	26	*	*	9.1	(7.7-10.8)
2001	15	29	51	46	13	154	9.9	(8.4-11.6)
2002	17	53	68	48	11	197	12.4	(10.7-14.2)
2003	38	62	80	61	12	253	15.6	(13.8-17.7)
2004	46	71	74	64	24	279	16.9	(15.0-19.0)
2005	53	81	87	85	29	335	19.8	(17.8-22.1)
2006	61	84	85	94	32	356	20.5	(18.4-22.8)
2007	56	104	100	96	40	396	22.2	(20.1-24.5)
2008	45	107	70	109	37	368	20.2	(18.1-22.3)
2009	42	101	85	85	36	349	18.7	(16.8-20.8)
2010	48	91	67	66	31	303	15.9	(14.2-17.8)
2011	46	80	83	69	33	311	16.1	(14.3-18.0)
2012	36	97	79	89	51	352	17.9	(16.1-19.9)
2013	53	110	78	80	59	380	18.9	(17.1-21.0)
2014	32	114	108	86	64	404	19.8	(17.9-21.8)
2015	40	102	101	78	93	414	19.6	(17.7-21.6)
2016	45	124	122	82	79	452	21.3	(19.4-23.3)
2017	36	107	95	58	82	378	17.4	(15.7-19.2)
Preliminary 2018 YTD	30	78	75	79	63	325	--	--
Pending 2018 YTD	13	39	61	53	85	251	--	--
Data Notes: *Data is suppressed due to counts less than five or the total can be used to calculate a cell with counts less than five. Rate is per 100,000 population. Undetermined and Unintentional opioid deaths only.								
Data Sources: Utah Death Certificate Database, Utah Medical Examiner Database, US Census Bureau.								
Last Update: January 5, 2019.								



Number Unintentional and Undetermined Opioid Overdose Deaths by Drug Type, Utah, 2000-2017

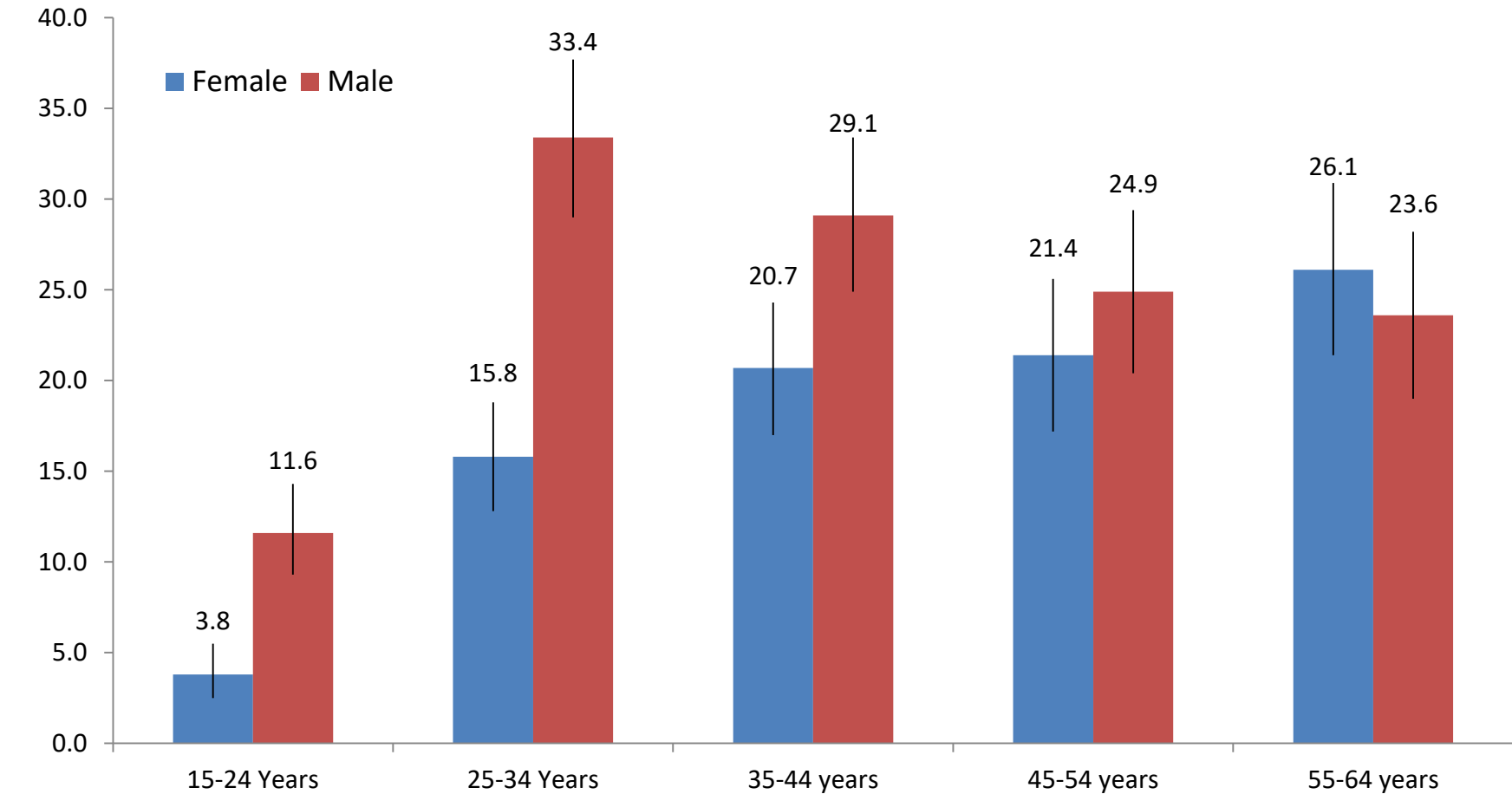


Source: Utah Office of the Medical Examiner.

*2017 data preliminary.

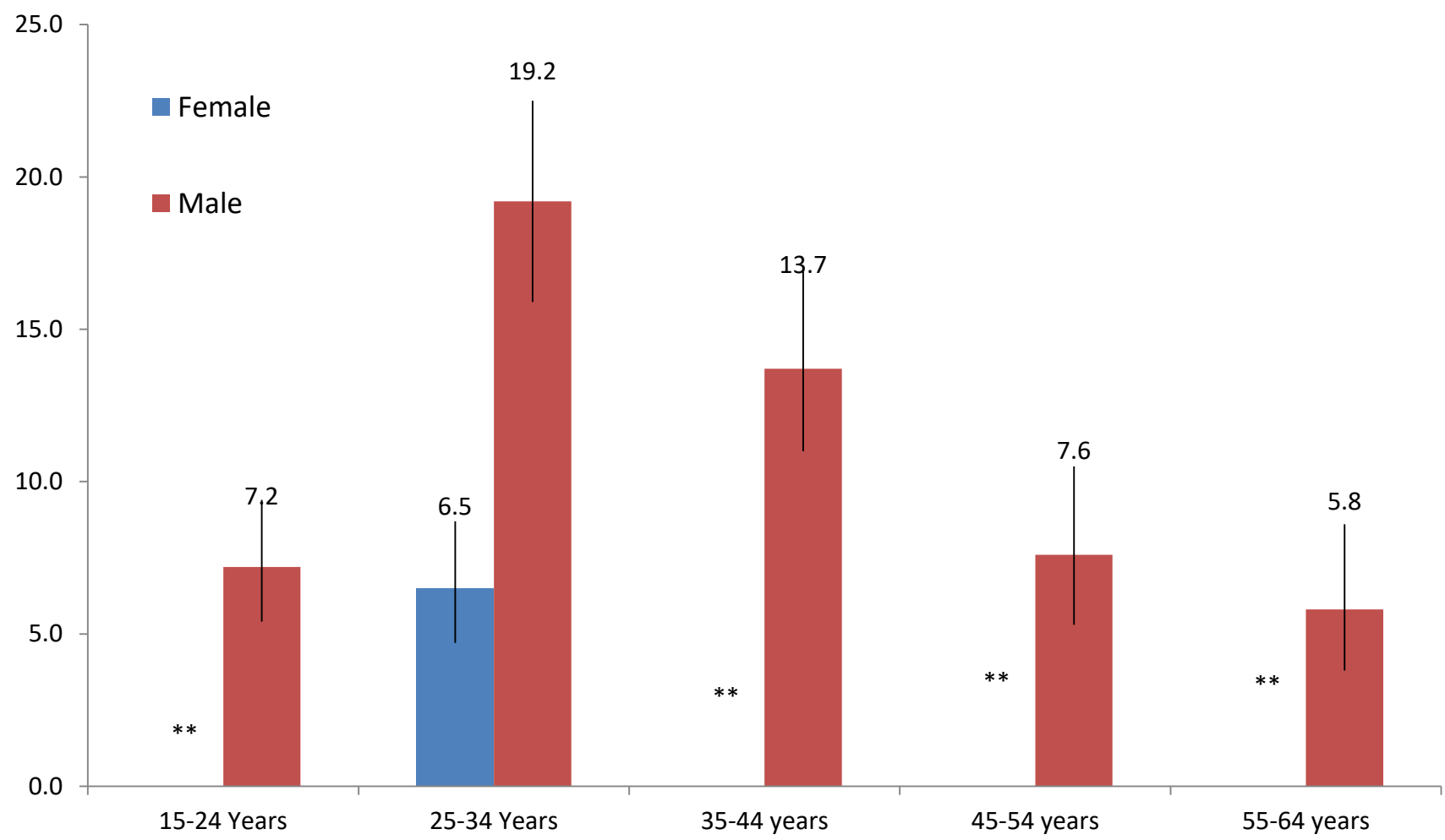
HEALTHIEST PEOPLE | OPTIMIZE MEDICAID | A GREAT ORGANIZATION

Rate of Unintentional and Undetermined Opioid Deaths per 100,000 Population by Age Group and Sex, Utah, 2015-2017



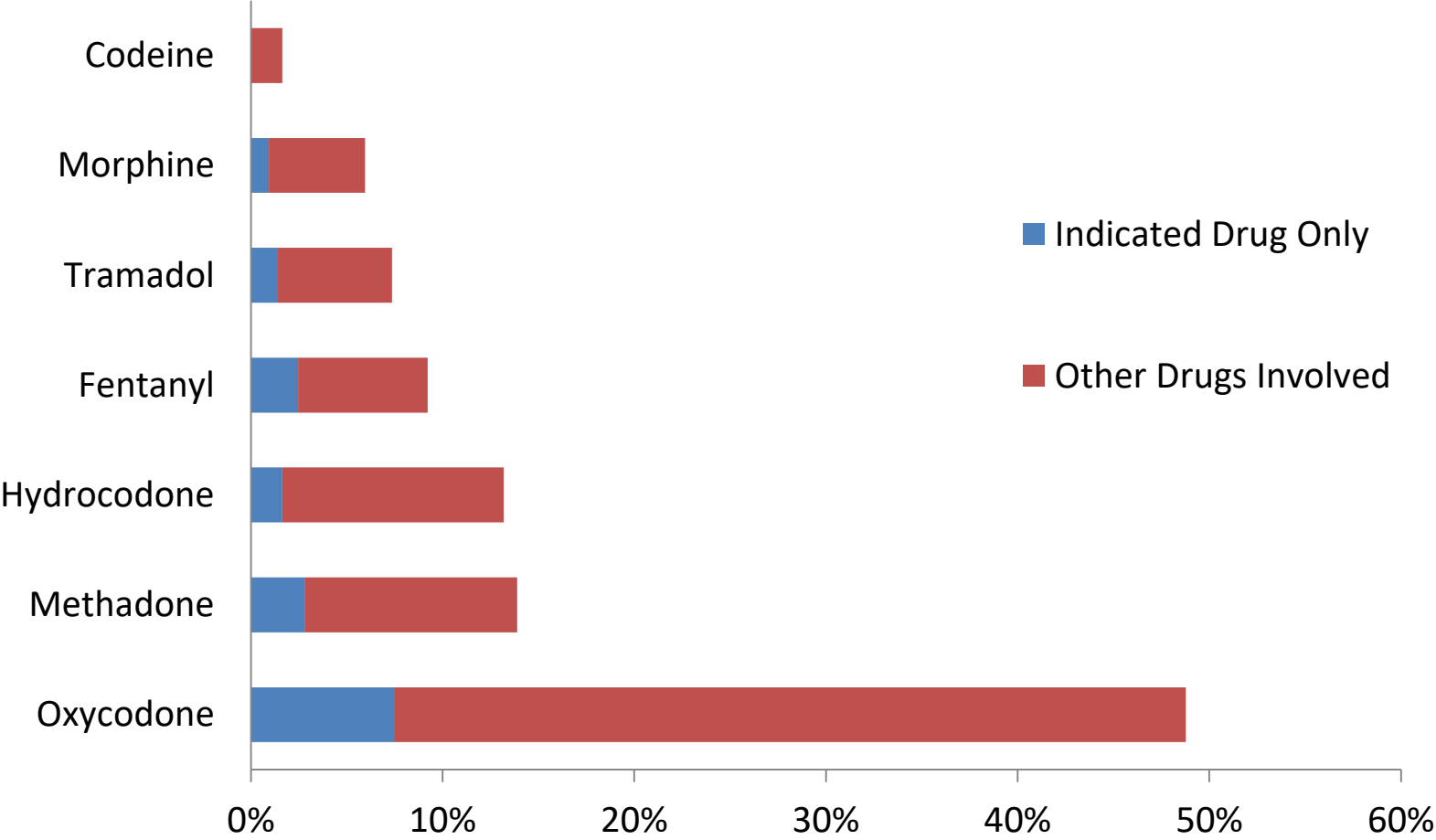
Source:
CDC
WONDER

Rate of Unintentional and Undetermined Heroin Deaths Involving Heroin per 100,000 Population by Age Group and Sex, Utah, 2015-2017



Source:
CDC
WONDER,
**
Unreliable

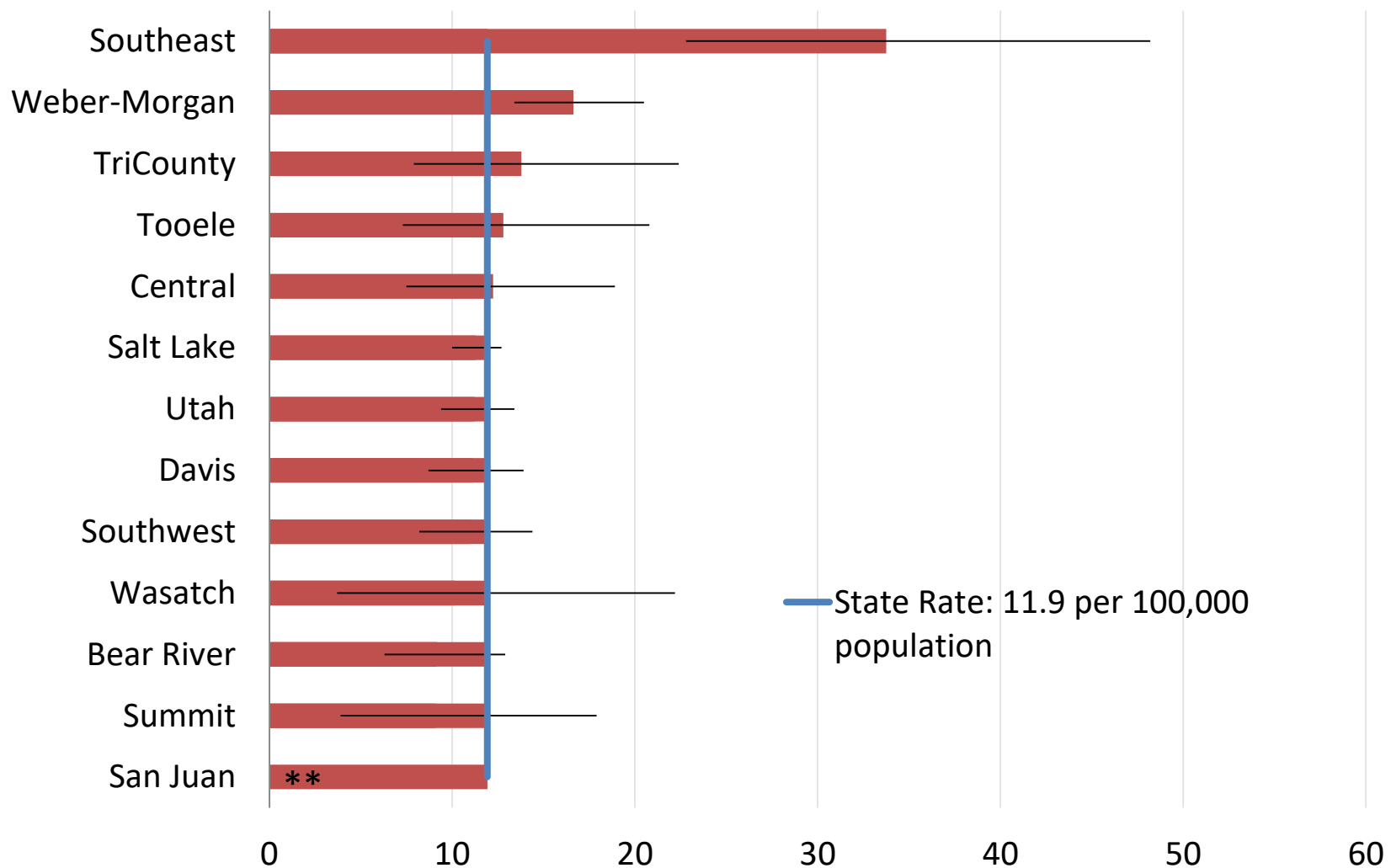
Percent of Occurrent Prescription Opioid Deaths by Drug Type, Utah, 2014-2016



Data Source: Utah Department of Health Violent Death Reporting System



Percent of Occurrent Prescription Opioid Deaths by Local Health District per 100,000 Population, Ages 18+, Utah, 2014-2016



Data Source: Utah Department of Health Violent Death Reporting System
Data Notes: *Rates are based on counts <5 and are suppressed in accordance with privacy and data reliability guidelines.

Executive Committee

Steering Committee

Access to
Treatment

Data and
Evaluation

Harm
Reduction

Public
Safety

Provider
Training

Public
Awareness

Opioid
Fatality
Review
Committee

Drug
Monitoring
Initiative

SBIRT –
Behavioral Health

Pharmacological
Treatments

Non-
pharmacological
Treatments

Stop the
Opidemic

Use Only
as Directed

Mission Statement

Prevent and reduce opioid abuse, misuse, and overdose deaths in Utah through a coordinated response.



Health Priority: Prescription Drug Misuse and Overdose Prevention

- Decrease high risk prescribing
- Decrease opioid overdoses
- Increase access to naloxone
- Increase availability of treatment and recovery services

UCO-OP / UHIP Goals



Goal	Measures	2015 Baseline	2016	2017	2019 Target
Decrease high risk prescribing by 20% from 2015 to 2019	1. Rate of opioid prescriptions dispensed per 1,000 population	798.2	736.8	655.9	637.5
	2. Percent of patients with and opioid prescriptions with a daily MME > 90	12.1%	10.3%	12.1%	9.6%
	3. Percent of patients with overlapping opioid / benzo prescriptions	13.8%	14.1%	19.6%	11.1%

UCO-OP / UHIP Goals



Goal	Measures	2015 Baseline	2016	2017	2019 Target
Decrease opioid overdoses by 10% from 2015 to 2019	1. Rate of undetermined / unintentional opioid deaths per 100,000 population	13.6	13.9	12.9	12.3
	2. Rate of emergency department visits involving non-fatal opioid overdose excluding heroin per 10,000 population	1.5	3.3	2.8	1.3

UCO-OP / UHIP Goals



Goal	Measures	2015 Baseline	2016	2017	2019 Target
Increase access to naloxone by 50% from 2015 to 2019	1. Percentage of pharmacies participating in Utah's Statewide Standing Order	0%	17.6%	33.4%	50%
	2. Number of naloxone doses dispensed through Utah's Statewide Standing Order and enrolled Overdose Outreach Providers	0	2,346	7,044	10,000

UCO-OP / UHIP Goals



Goal	Measures	2015 Baseline	2016	2017	2019 Target
Increase availability of treatment and recovery services by 10% from 2015 to 2019	1. Number of individuals served in substance use disorder treatment	15,049	14,729	--	16,550

Opioid Fatality Review Committee



Gabapentin and Prescription Opioids

Report 2018



The greatest threat of gabapentin occurs when used with a prescription opioid.



Gabapentin prescriptions increased dramatically from 39 million prescriptions in 2012 to 64 million prescriptions in 2016, making gabapentin the 10th most prescribed medication in the United States.¹



In 2016, 35 Utahns died from an overdose where both gabapentin and an prescription opioid were present.



Females accounted for 64% of the overdose deaths involving gabapentin and a prescription opioid from 2014-2016, in Utah.



Gabapentin and prescription opioid overdose death rates were highest among Utahns aged 45-54 from 2014-2016.

Find the Opioid Fatality Review Committee Charter and full Gabapentin Report at:

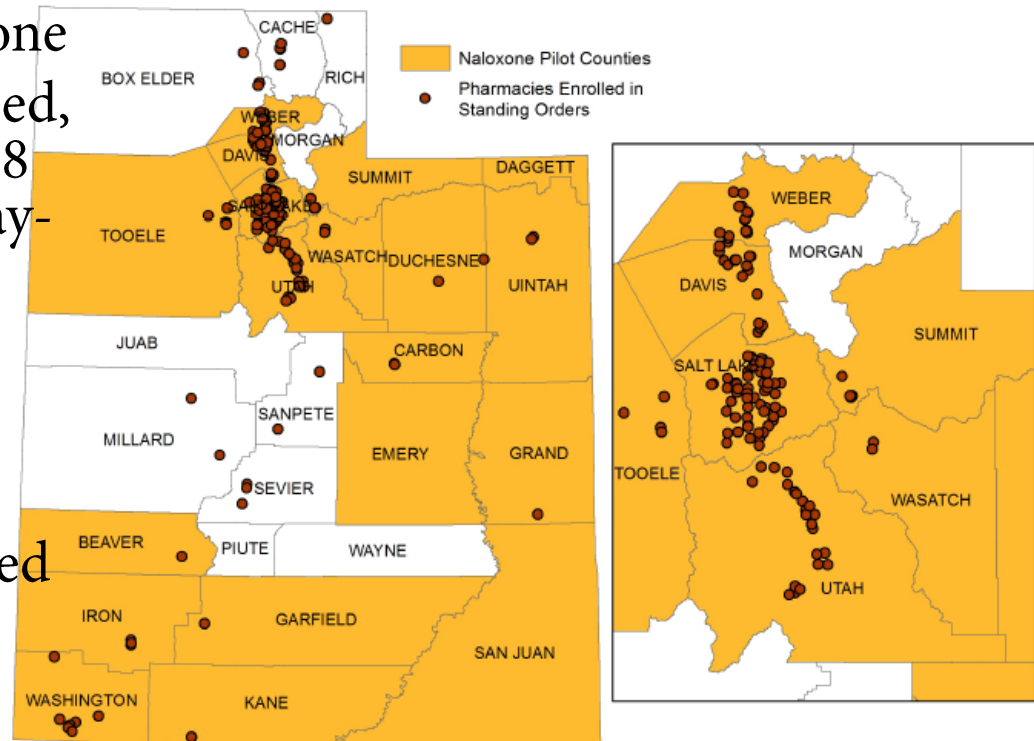
<https://ucoop.utah.gov/data-and-research/>

- Monthly meetings since January 2018
- Topic Areas:
 - Gabapentin
 - Hotspots
 - Recent Releases
 - Post treatment
 - Post prison/jail
 - Post operative/surgical

Naloxone



- Overdose Outreach Providers
 - Open application for naloxone
 - 5,592 naloxone kits purchased, 361 trainings conducted, 248 reported naloxone uses (May–November 2018)
- Standing Order
 - 173 pharmacies
 - 2,278 naloxone kits dispensed



naloxone.utah.gov

Naloxone



- Overdose Outreach Providers
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visit
Naloxone.utah.gov

Stop the Opidemic



Opioid risks Signs of an overdose Naloxone use

First Year Campaign Analytics

Television:

4.1 million impressions

Billboards:

30 million impressions

YouTube:

1.3 million views

Facebook:

1.5 million views

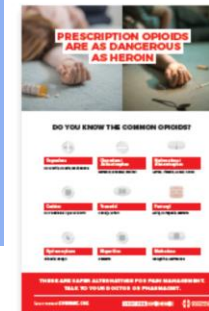
Website:

118,602 page views

02:19 average time on page

Talk to Your Pharmacist

- Encourage pharmacists to take an active role in opioid abuse, misuse, and overdose prevention efforts.
- Provide pharmacies with resources to aid in this role:
 - Toolkit
 - Posters
 - Brochures
 - Stickers



Stop the Opioid



**CHECKLIST FOR PRESCRIBING
OPIOIDS**



**NON-OPIOID TREATMENTS FOR
CHRONIC PAIN**



PROVIDERS BROCHURE



**ASSESSING BENEFITS &
HARMS OF OPIOID THERAPY**



**CALCULATING SAFER DAILY
DOSE OF OPIOIDS**



POCKET GUIDE TO TAPERING



**SUMMARY OF
RECOMMENDATIONS**



**STOP THE OPIOID
BROCHURE**



**ALCOHOL SCREENING AND
BRIEF INTERVENTION**

visit
opidemic.org

Chronic Pain Self-management
Program
livingwell.utah.gov

Health Resource Line
1-888-222-2542

Mortality Measures



Indicator	Definition	Measures of Frequency / Time Period	Data Source
Opioid Overdose Deaths	Deaths with opioid listed in cause of death	Monthly / 2000-2018	Office of the Medical Examiner Death List
All Drug Overdose Deaths	Drug overdose deaths caused by acute poisonings	Annual / 2000-2017	Death certificate data from Utah Office of Vital Records and Statistics
Drug Overdose Deaths Involving Opioids	Drug overdose deaths caused by acute poisonings that involve any opioid as a contributing cause of death	Annual / 2000-2017	Death certificate data from Utah Office of Vital Records and Statistics

Morbidity Measures (ED & Hospitalization)



Indicator	Definition	Measures of Frequency / Time Period	Data Source
All Drug Non-fatal Overdose Emergency Department Visits	All drug overdose ED visits caused by non-fatal acute poisonings due to the effects of drugs	Annual / 2016-2017	ED discharge data from Utah Office of Healthcare Statistics
All Suspected Drug Overdose Emergency Department Visits	Number of ED visits suspected to be related to drug overdose	Quarterly / 2013 – 2018	ESSENCE (Syndromic Surveillance)
All Drug Non-fatal Overdose Hospitalizations	All drug overdose hospitalizations caused by non-fatal acute poisonings due to the effects of drugs	Annual / 2016-2017	Hospital discharge data from Utah Office of Healthcare Statistics

Prescription Opioid Measures



Indicator	Definition	Measures of Frequency / Time Period	Data Source
Opioid Analgesic prescriptions dispensed	Prevalence of opioid analgesics among Utah residents	Quarterly	Utah Controlled Substance Database
Patients receiving more than ≥90 MME of opioid analgesics	Prevalence of patients with an average of ≥90 MME of opioid analgesics	Quarterly	Utah Controlled Substance Database
Multiple provider episodes for prescription opioids	Number of patients receiving prescriptions for opioid analgesics from 5 or more prescribers at 5 or more pharmacies in 6 month period	Quarterly	Utah Controlled Substance Database
Patient prescription days with overlapping opioid and benzodiazepine prescriptions	Number of days that patients had an opioid and benzodiazepine prescription on the same day, among all opioid prescription days	Quarterly	Utah Controlled Substance Database

Naloxone Measures



Indicator	Definition	Measures of Frequency / Time Period	Data Source
Overdose reversal data	Number of overdose reversals reported	Quarterly / 2017-2018	UDOH REDCap, Utah Poison Control Center
Naloxone administration by EMS	Number of naloxone administrations by EMS	Quarterly	UDOH, Bureau of EMS, NEMSIS

THANK YOU!



DO YOUR PART TO STOP THE OPIDEMIC

Be smart. Your actions can make a big difference.



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